

WHAT IS CLAIMED IS:

1. A hair care composition comprising:

- A. a polypropylene glycol having a weight average molecular weight of from about 200 g/mol to about 100,000 g/mol;
- B. an ester oil of the formula:



wherein each R^1 is independently a C_1 - C_{22} alkyl, and wherein the HLB value of the ester oil is less than about 4; and

- C. a gel matrix comprising a cationic surfactant, a solid fatty compound, and water.

2. The hair care composition of Claim 1, wherein the hair care composition reduces bulk hair area by at least about 10%, according to an Image Analysis Protocol.

3. The hair care composition of Claim 1, wherein the polypropylene glycol has a solubility in water of less than about 1 g/100 g water.

4. The hair care composition of Claim 1, further comprising an alkyl alkoxylate of the formula:



wherein R^2 is independently a C_2 - C_4 alkyl group, wherein R^3 is an alkyl group having from about 1 to about 30 carbon atoms, wherein n is a value from about 1 to about 10, wherein the weight average molecular weight of the alkyl alkoxylate is less than about 500 g/mol, and wherein the HLB value of the alkyl alkoxylate is from about 5 to about 12.

5. The hair care composition of Claim 1, wherein the polypropylene glycol has a weight average molecular weight of from about 1,000 g/mol to about 60,000 g/mol.

6. The hair care composition of Claim 1, further comprising a hydrophobically modified cellulose ether.

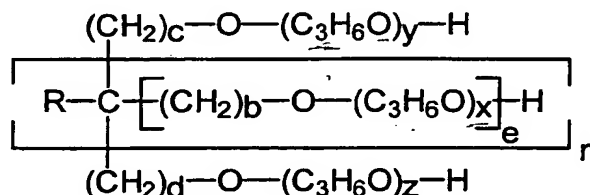
7. The hair care composition of Claim 1, wherein the polypropylene glycol is selected from the group consisting of a single-polypropylene glycol-chain segment polymer, a multi-polypropylene glycol-chain segment polymer, and mixtures thereof,

wherein the single-polypropylene glycol-chain segment polymer has the formula:



10070198-030402

wherein a is a value from about 4 to about 400, and
 wherein the multi-polypropylene glycol-chain segment polymer has the
 formula:



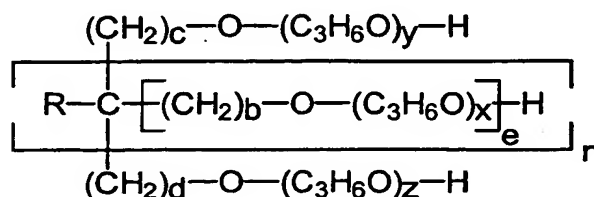
(Formula II),

wherein n is a value from about 0 to about 10, wherein each R is independently selected from the group consisting of H, and C₁-C₃₀ alkyl, wherein each b is independently a value from about 0 to about 2, wherein c and d are independently a value from about 0 to about 2, wherein b + c + d is at least about 2, wherein each e is independently a value of 0 or 1, and wherein each x, y, and z is independently a value of from about 1 to about 120.

8. A hair care composition comprising:
 - A. a polypropylene glycol having a weight average molecular weight of from about 200 g/mol to about 100,000 g/mol;
 - B. an ester oil selected from the group consisting of a pentaerythritol ester oil, a trimethylol ester oil, and mixtures thereof, wherein the HLB value of the ester oil is less than about 4; and
 - C. a suitable carrier.
9. The hair care composition of Claim 8, wherein the suitable carrier is a gel matrix comprising a cationic surfactant, a solid fatty compound, and water.
10. A hair care composition comprising, by weight of the hair care composition:
 - A. from about 0.5% to about 10%, by weight, of a polypropylene glycol having a weight average molecular weight of from about 200 g/mol to about 100,000 g/mol, the polypropylene glycol being selected from the group consisting of a single-polypropylene glycol-chain segment polymer, a multi-polypropylene glycol-chain segment polymer, and mixtures thereof, and wherein the polypropylene glycol has a solubility in water of less than about 1 g/100 g water, wherein the single-polypropylene glycol-chain segment polymer has the formula:



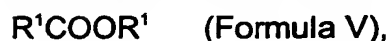
wherein a is a value from about 4 to about 400, and
 wherein the multi-polypropylene glycol-chain segment polymer has
 the formula:



(Formula II),

wherein n is a value from about 0 to about 10, wherein each R is independently selected from the group consisting of H, and C₁-C₃₀ alkyl, wherein each b is independently a value from about 0 to about 2, wherein c and d are independently a value from about 0 to about 2, wherein b + c + d is at least about 2, wherein each e is independently a value of 0 or 1, and wherein each x, y, and z is independently a value of from about 1 to about 120;

B. from about 0.5% to about 10% of an ester oil of the formula:



wherein each R' is independently a C₁-C₂₂ alkyl, and wherein the HLB value of the ester oil is less than about 4;

C. from about 60% to about 99% of a gel matrix comprising a cationic surfactant, a solid fatty compound, and water, wherein the weight ratio of cationic surfactant to solid fatty compound is from about 1:1 to about 1:20; and

D. the balance being other additional components,

wherein the viscosity of the hair care composition is from about 5,000 cps to about 40,000 cps, wherein the hair care composition is a rinse-off hair conditioning composition, and wherein the hair care composition reduces bulk hair area by at least about 10%, according to an Image Analysis Protocol.

20070198-030402